

# ENGINEERING CHANGE NOTICE

## DART AEROSPACE LTD

MPP

|                                      |                      |                           |                               |                |
|--------------------------------------|----------------------|---------------------------|-------------------------------|----------------|
| Date: 18.05.01                       | Job No.: PI17-664-07 | ADR Yes/No: N             | ADR Date: <del>18.05.01</del> | ECN #: 18- 722 |
| Product No.: D212-664                |                      | Created By: VS            | Approved By: <del>VS</del>    |                |
| Product Name: Crosstube Installation |                      | Checked By: <del>VS</del> |                               |                |

| Distribution                             | Reqd | Resp     | Initial / Date (YY/MM/DD) | Distribution                 | Reqd | Resp    | Initial / Date (YY/MM/DD) |
|--|------|----------|---------------------------|------------------------------|------|---------|---------------------------|
| Director of Operations                   | Y    | JLM      |                           | DQA / QA Coord.              | Y    | MD / ED |                           |
| Production Planning Man. / Prod. Planner | Y    | LL / MLJ |                           | QC Coordinator               | Y    | PD      |                           |
| Supply Chain Director / Senior Buyer R&D | Y    | RA / SH  |                           | Customer Support             | Y    | LM / JR |                           |
| Production Engineering Coord.            | Y    | DD / JFS |                           | Customer Technical Support   | Y    | MB / EL |                           |
| NCR / PAR / CAR / CIR / URF Coordinator  | Y    | SAD      |                           | Marketing                    | Y    | WR      |                           |
|  |      |          |                           | Prod. Man. Solution Provider | Y    | SL / RB |                           |

**Reason for Change:**  
Customer issue installing DART rubber bumpers, allow customer use of PR-1440

**Documents Affected:**  
IIN-D212-664 Rev. J, ICA-D212-664 Rev. 11, D4381 Rev. C

**IF APPLICABLE:**    **NCR:** \_\_\_\_\_    **PAR:** \_\_\_\_\_    **CAR:** 17-181/17-194    **CIR:** \_\_\_\_\_    **URF:** \_\_\_\_\_

**PAPERWORK UPDATE** ☒    **PARTS MUST COMPLY** ☐    **PREVIOUS PARTS SATISFACTORY** ☒

| # | Quality Assurance Actions                | Reqd | Resp | Notes                                  | Complete |
|---|--|------|------|--|----------|
| 1 | Notify Previous Customers                | Y    | MB   | Send D412-664-307 kit to Nalcor Energy |          |
| 2 | Notify Eurocopter France                 | N    |      |  |          |
| 3 | Notify Augusta Westland                  | N    |      |  |          |
| 4 | Manufacturing Licensing Agreement Update | N    |      |  |          |

| #  | Engineering Actions                                      | Reqd | Resp | Notes               | Complete    |
|----|--|------|------|---------------------|-------------|
| 5  | Required Documents/Drawings/Item ID's Under Review (URF) | N    |      |                     |             |
| 6  | Update Master Document List (MDL)                        | Y    | VS   | MDL-D212-664 Rev. W | 17.11.17 VS |
| 7  | Update Document Record (DR)                              | N    |      |                     |             |
| 8  | Update Product Compatibility Matrix                      | N    |      |                     |             |
| 9  | Notify TC / FAA of Change (eg. ICA, 8110-3)              | N    |      |                     |             |
| 10 |  |      |      |                     |             |

| #  | Document Control Actions   | Reqd | Resp | Notes                  | Complete |
|----|--|------|------|------------------------|----------|
| 11 | Move / Update Electronic Files / Design Journal                      | Y    | KJ   |                        | 18.05.10 |
| 12 | Update Product Specification Files (Bluefiles)                       | Y    | KJ   |                        | 18.05.10 |
| 13 | Update Approved/Preliminary Dwg PDF Files                            | Y    | KJ   |                        | 18.05.10 |
| 14 | Update Product Development Summary (STC applications)                | N    |      |                        |          |
| 15 | Update QSI 021 (TC/FAA STC) and/or STC Approval List                 | N    |      |                        |          |
| 16 | Create/Update Parts / STC Database                                   | Y    | KJ   |                        | 18.05.10 |
| 17 | Update / Verify Authorized Release Certificate Database              | Y    | KJ   | For D412-664-307 #47   | 18.05.10 |
| 18 | Create / Update Change Record Form / Item Card Database              | Y    | KJ   | D412-664-307 @ CHG 001 | 18.05.10 |
| 19 | Create / Update Packaging Process Plan (PPP)                         | Y    | KJ   | For D412-664-307       | 18.05.10 |
| 20 | Red Decals required on Packaging Process Plan (PPP)?                 | N    |      |                        |          |
| 21 | Update Controlled Supplier Documents (Qpulse) Database               | N    |      |                        |          |
| 22 | Update Grey Project Binder / Electronic Project Folder               | Y    | KJ   |                        | 18.05.10 |
| 23 | Update D-Part / M-Drawing / DSI / DEO Master Binders                 | Y    | KJ   |                        | 18.05.10 |
| 24 | Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) | N    |      |                        |          |
| 25 |  |      |      |                        |          |

**Description / Action:**  
 -Create BOM's/Routes for D4381-5 and D412-664-307  
 -Put small quantity of D412-664-307 kits in stock

Wot's done 18.05.29

ECN Verified & Complete: \_\_\_\_\_ Date: \_\_\_\_\_